

032

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SAMPLE NO: "K"

IDENTIFICATION: SHEARED CRYSTAL TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic.

TEXTURE: Crystal fragments in a felsic matrix.

CHIEF MINERALS: Sericitized feldspar; pyroxene; quartz.

ACCESSORY MINERALS: Magnetite; chlorite; sericite, epidote as alteration products.

COMMENTS: This tuff has undergone some shearing. The crystal fragments show some flattening and there is development of aligned chlorite within the felsic matrix.

HAND SPECIMEN FIELD DESCRIPTION

Dark green, hard rock. The chloritic phenocrysts vary in size, and the larger ones appear to be extensively fractured. In outcrop this rock occurs in small lenses formed by shearing. Minor iron staining.